

OBSERVATION REPORT NO. 11

Project: **Woburn Fire Headquarters**

Date: 11 August 2021

Location: Job Site

Attendees: Building Department

Brian Gingras

Woburn Fire Department (WFD)

Donald Kenton, Chief
George Poole, Deputy

Municipal Building Consultants (MBC)

Pat Saitta
Dick Murphy

DiNisco Design (DD)

Rick Rice
Anne Davis Woodacre

G&R Construction (G&R)

Ian McCallion
Dave Bacchiocchi
Brad Donovan

Action Date

A. SAFETY AND SECURITY

A16.

B. OWNER ISSUES

--- 05/14/21 B02. Work under separate contracts will consist of:

DiNisco 05/14/21 B02.1 FF&E including Communications and Technology.

WFD 06/23/21 B02.1.01 CARES Act: Chief Kenton noted that they are applying for grants under the CARES Act to purchase FF&E and technology. He noted the grant period ends 12/32/21. WFD and DiNisco will coordinate and update the FF&E budget accordingly. [06/30/21: The chief reported that WFD identified computers and medical equipment as items potentially eligible for grants. DiNisco will note these items potentially in the budgets as possibly being purchased outside of the project budget.]
DiNisco 06/30/21



DiNisco	06/30/21 07/14/21 08/11/21	B02.2.01	Tower PO: Following the meeting, MBC, DiNisco, WFD and LA met at the site and reviewed the tower quotes received. LA will reach out to Industrial Communications to discuss the foundation observation and EOR affidavit cost line items. LA will also question them on the "delivery within 60 days" clause. It was discussed that a PO should be issued ASAP to lock in prices. [07/14/21: The tower PO has been issued. The tower vendor should submit the foundation design ASAP. G&R will advise via the project schedule when they want the tower to be delivered and erected.] [08/11/21: It was discussed that G&R wants tower foundation work to begin after 02/28/21 (say beginning 03/01/21) so that the major envelope construction work is done and there are not conflicting activities at the rear of the site. The vendor has proposed their work would be done by 12/31/21. DiNisco will review with vendor.]
DiNisco Industrial	07/21/21 08/04/21 08/11/21	B02.2.02	Tower Foundation: DiNisco will inquire as to when tower foundation design will be submitted by vendor; G&R has requested this information ASAP to hold reinforcing price. [08/04/21: The tower foundation drawings have been received by DiNisco, who forwarded them to G&R for preparation of reinforcing shop drawings. DiNisco reported that they will forward the reinforcing shop drawings to the tower vendor for review and approval by the tower EOR.] [08/11/21: FBRA has reviewed the rebar submittal for the tower foundations. DiNisco will forward to Industrial for their EOR's approval.]
DiNisco	08/04/21 08/11/21	B02.2.03	Tower Engineering Drawings: Tom Quinn requested a copy of the tower drawings which DiNisco noted have been stamped and signed by the tower EOR. [08/11/21: Brian Gingras informed DiNisco that a separate building permit application is to be submitted for the tower. DiNisco will do so using the drawings prepared by the vendor's EOR.]
G&R Industrial DiNisco	08/04/21 08/11/21	B02.2.04	Tower Coordination Meeting: With tower related antenna conduits and grounding to be coordinated, it was agreed that the tower vendor, Industrial Communications, will be asked to come to a job meeting in the near future. [08/11/21: Coordination meeting scheduled for 1:00 PM 08/18/21.]
Woburn	05/14/21	B02.4	City will mill and pave Main Street after utility work is done.

G&R	05/26/21 06/16/21 07/14/21 08/11/21	B06.	Subcontractor Bid Bonds: It was requested that G&R advise as filed subcontractors' contracts are finalized so that the City may return bid bonds. [06/16/21: G&R reported subcontracts have started to be signed and returned. G&R will advise when all subs are signed so that City may return all bid bonds at once.] [07/14/21: G&R is awaiting a couple more subcontracts to be returned.] [08/11/21: G&R believes all subs are signed and will confirm the next couple days.]
City	06/30/21	B07.1	Topping Off Ceremony: The City has decided to have a topping off ceremony. G&R noted the steel would be "topped off" late fall (November), and a beam could be provided for signing.
---	06/30/21	B09.	Traffic Signal Coordination: Following the meeting, WFD, G&R, MBC and DiNisco met with Jay Corey / City Engineer and Scott Niss / Dagle Electric (DE) at the job site to discuss coordinating the traffic signal work with the ongoing construction of the HQ. The following was noted.
---	06/30/21	B09.1	The bulk of Dagle's work consists of two foundations for traffic lights on either side of the Apparatus Bay apron and an underground conduit between them. DE noted the soonest the foundations could be scheduled would be late August '21.
G&R DE City Eng. MBC	06/30/21 07/14/21 08/11/21	B09.3	G&R requested a copy of the traffic signal construction drawings so that the impact on the construction project can be determined and the signal work scheduled in coordination with G&R's work. [Postscript: Provided by DiNisco later on 06/30.] [07/14/21: DiNisco noted that Dagle Electric is responsible for performing soil borings at the two signal pole locations on site; G&R to coordinate access with Dagle.] [08/11/21: MBC reported that Jay Corey has instructed Dagle to coordinate with Dave Bacchiocchi and Dick Murphy on the timing and logistics of performing the soil borings.]
---	06/30/21	B09.4	DE noted the lead time for mast and arms is approximately six months. Jay Corey confirmed that the new signal shall be operational before the existing mast (which currently falls in the new apron) can be removed. If not, temporary signalization would be required.
---	06/30/21	B10.	Municipal Fire Alarm Infrastructure: Following the meeting at the job site, Jay Corey, DE, WFD, MBC, DiNisco and Chick Langone (LA) discussed the underground conduits that must be installed around Station Three in order to reroute City FA cabling from Station Three to the new HQ. It is being proposed that Dagle Electric work through Woburn's CH 90 contract with D&R, to which DE is a sub.

DE City Eng. WFD	06/30/21 08/04/21 08/11/21	B10.1	Dagle Electric will review the LW Bills diagram and formulate questions to assist in formulating a change order proposal for the work needed. These questions will be answered with input by LW Bills and WFD. [08/04/21: MBC has reached out to Jay Corey to determine the status of Dagle's quote.] [08/11/21: MBC reported that Jay Corey will be meeting with Dagle and WFD's alarm supervisor to confirm conduit routing at Station 3].
---	06/30/21	B10.2	Traffic Cabinet: The new traffic cabinet's size and location need to be pinned down, given that the old station three may be sold off by the City. Jay Corey will assist in determining a location for the cabinet once a size can be determined.
G&R LW Bills Dagle	07/31/21	B10.4	Municipal Alarm Cabling and Equipment: Chief Kenton noted that the City is issuing a contract for the cabling dispatch equipment to LW Bills. It was discussed that a coordinating meeting be scheduled soon with G&R, Bills and Dagle so that the needed back boxes can be installed.
---	08/11/21	B11.	Path to Trail: In response to Woburn resident requests, WFD and MBC have confirmed that there is ample City owned land south of the construction fence for people to access the trail during construction. No action by G&R is required. Record Item.

B12.

C. PERMITS & INSPECTIONS

---	07/28/21 08/04/21 08/11/21	C07.	DOT Permit: DOT issued the permit for the project this week. G&R will contact Jay Duran about gaining access to the DOT permit online. [08/04/21: G&R reported that they were able to download the DOT permit information, and that future correspondence with DOT is to be via email.] [08/11/21: G&R confirmed that they are all set with the DOT permit once the site sub's COVID protocols are submitted. MBC has contacted the police department regarding the required detail.] Record Item.
---	08/04/21	C09.	City Inspections: G&R reported that the electrical inspector was on site to observe support building underground home run conduits. Tom Quinn recommended that G&R call for any plumbing inspections needed next week at least a day in advance due to coverage during vacations. Record Item.
---	08/11/21	C10.	Plumbing Inspection: G&R reported that city inspector viewed the deep plumbing piping yesterday. Record Item.

C11.

D. CONSTRUCTION SCHEDULE

G&R	05/14/21	D02.	Progress Schedule (Bar Chart - 15 days NTP; CPM within 90 days).
	05/26/21		[05/26/21: G&R distributed the bar chart schedule and logistics plan at the meeting (copy attached).]
G&R	05/26/21	D04.1	Baseline Schedule: MBC requested that G&R prepare a baseline schedule for the specified 14-month project duration assuming timely delivery of joists. The purpose of the baseline is to enable MBC to compare it with the actual schedule based on delayed joist lead times.
	06/09/21		[06/09/21-Postscript: G&R distributed their baseline schedule (copy attached). G&R will formally submit a time extension request with back up as a Proposed Change Order (contract time revision).]
	06/16/21		[06/16/21: MBC asked that G&R assemble the time extension request at their earliest convenience so that it may be reviewed and the matter finalized.]
	06/30/21		[06/30/21: Rather than rush this submittal, MBC urged that G&R refer to the specification requirements for preparing the project schedule.]
	07/14/21		[07/14/21: G&R reported that the CPM has been drafted, and durations must be reviewed with the subs. MBC noted that it is more important for this schedule to be as accurate as possible than it is to make the 90 day submission deadline.]
	08/11/21	D12.	Look Ahead: G&R reviewed the three week look ahead schedule (attached) noting the following: (Record Item)
			- Backfilling MEP underground ongoing at HQ and support building.
			- Last foundation pour at HQ scheduled for Thursday/Friday.
---	08/11/21	D12.1	Overall Schedule Update: G&R provided an update and on major operations: Record Item.
			- Infiltration Area 1: Steel infiltration structures being fabricated, excavation of Area 1 expected to start in two weeks.
			- Structural Steel: Erection scheduled to begin in October.

D13.

E. SUBMITTAL SCHEDULE

- G&R 06/16/21 E06. Submittal Schedule: G&R advised that they will forward their
06/23/21 submittal schedule by EOD 06/21/21. [06/23/21: G&R distributed at the meeting their first pass at the submittal schedule (attached), noting subsequent updates will break items down by spec paragraph. G&R is also working on a material tracking log.] [08/11/21: MBC requested that G&R update the submittal schedule.]
- G&R 08/11/21 E07. Steel Shop Drawings: G&R advised that steel shop drawings will begin to be submitted by sequence starting 08/12/21.

F. SUBMITTALS

- G&R 05/14/21 F08. Weather Protection / Temporary Heating Plan to be submitted within 30 days of NTP.
- G&R 05/14/21 F10. Construction Indoor IAQ Plan to be submitted within 21 days of NTP.
- 08/11/21 F22. Submittal Log: G&R reviewed submitted log (attached) with priority items highlighted. Record Item.

F23.

G. COORDINATION DRAWINGS

- G&R 06/16/21 G06. Coordination Drawings: G&R reported coordination drawings
MEP Subs 06/23/21 process has begun. [06/23/21: G&R reported underground
08/11/21 coordination is underway, and noted MEP coordination will begin when steel fabricator has completed their model.] [08/11/21: G&R reported that the MEP subcontractors are using the same consultant to prepare the coordination drawings, and that coordination process has begun. G&R stated the coordination drawings will be submitted for review after the steel fabricator completes the structural model and it is incorporated in to the MEP model.]

G&R	07/14/21	G06.1	Underslab Coordination Drawings: G&R expects to submit the underslab drawings by 07/16. [07/21/21: Underslab coordination drawings submitted 07/23; G&R requested expedited review.] [07/28/21: The underground utilities drawings have been returned "Revise and Resubmit". G&R noted they will be resubmitted by the end of this week.] [07/30/21- Postscript: Coordination drawings resubmitted; design team to expedite review.] [08/04/21: Underslab coordination to be returned with further coordination of antenna conduits with tower vendor necessary. DiNisco explained that Brothers is currently showing more 45° bends than were shown on the site electrical plan, and that it may be difficult to pull the antenna cables with additional bends. DiNisco requested that Brothers mark the site electrical plan with the entire intended conduit route from tower to MDF for review.] [08/11/21: The revised underground coordination drawing has been returned Revise and Resubmit by DiNisco because the full conduit run to the tower was not included.]
Brothers	07/21/21		
	07/28/21		
	07/30/21		
	08/04/21		
	08/11/21		

G07.

H. PAYROLL REPORTS

--- 08/11/21 H04. Report Status: MBC reported that payroll reports are being submitted regularly. Record Item.

H05.

I. REQUISITIONS

G&R 05/14/21 I06. Schedule of Values shall be submitted ASAP for the Architect's and consultants' review and approval.

--- 05/14/21 I06.1 The schedule of values must be approved prior to being paid any moneys.

City 07/28/21 I11. Application for Payment #3 (Postscript): G&R submitted the July
MBC 08/02/21 pencil req for MBC and DiNisco review on 07/30. [08/02/21-
08/04/21 Postscript: Pencil review comments forwarded to G&R on 08/02;
08/11/21 G&R to have final req for signature at 08/04/21 job meeting.]
[08/04/21: MBC to deliver signed requisition to the City for
processing and payment following the meeting.] [08/11/21: G&R
reported receiving a check several days ago for less than \$5,000,
but they have not yet received payment for July. MBC will
investigate at City Hall.]

I12.

J. CHANGE ORDERS

J04.

K. CONSTRUCTION CHANGE DIRECTIVES (CCD)

G&R 07/23/21 K06. CCD #03 (Postscript): DiNisco issued CCD #03 for foundation sleeves for additional fire alarm conduits on 07/23.

K07.

L. FIELD ORDERS

L05.

M. PROPOSAL REQUESTS

G&R 07/26/21 M04. Proposal Request #002 (Postscript): DiNisco issued PR #002 for additional fire alarm conduits to G&R on 07/26.

G+R 08/02/21 M05. Proposal Request #003 (Postscript): DiNisco issued PR #003 for an additional power/data floor box in a conference room on 08/02.

M06.

O. REQUEST FOR INFORMATION

--- 07/28/21 O12. RFI Log: As of 07/28, there is one open RFI regarding ERU + HV
08/05/21 Roof Attachment. DiNisco noted that the question being asked is
08/11/21 not clear; G&R will ask CAM to clarify. [08/05/21-Postscript:
Clarification received 08/05; design team to respond.] [08/11/21-
Postscript: DiNisco responded on 08/11/21.] Record Item.

DiNisco 08/11/21 O13. RFI Log: As of 08/11, there are 5 open RFI's. (log attached) G&R
TEC requested the underslab conduit RFI's be expedited by the design team.

O14.

P. DEMOLITION

P01.

Q. SITE WORK

G&R 05/14/21 Q07. G&R will coordinate the road work with the DPW (DOT). [08/04/21:
08/04/21 Noting work will begin soon, Tom Quinn requested that G&R secure road plates to avoid neighbor noise complaints. MBC also recommended that G&R contact WPD to schedule details. G&R noted they are in receipt of and will follow the DOT requirements for the road work.]

G&R	05/14/21 08/04/21	Q08.	Foundation As-Built Survey: Tom Quinn informed G&R that they are to submit an as-built survey locating the buildings and tower foundation upon completion of the foundation work. [08/04/21: Tom Quinn advised that G&R is to submit the foundation as-built before vertical construction begins, noting that the tower foundation as-built may be shown on the site as-built drawing.]
---	05/26/21 06/16/21	Q10.	Site Preconstruction Conference: A Preconstruction Conference for site work, including drainage and utilities, will take place at 1:00 PM, Wednesday, 06/16/21. Attending will be Horsley Witten and G&R's site contractor. [06/16/21: The site pre-construction meeting took place on 06/16. G&R's agenda is attached. The following was noted during the course of the discussions:
G&R DiNisco BSI	06/16/21	Q10.1	Site Improvement / Landscaping Meeting: A separate meeting will be scheduled with Brown Sardina to review site improvements and landscape pre-construction items.
G&R RJP	06/16/21 07/29/21	Q10.3	Unitized Retaining Wall: Initial submittal returned Revise and Resubmit; resubmittal of non-specified precast wall shall be accompanied by a Substitution Request Form. BSI would likely want to see in place installation in order to approve a substitution. RJP noted proposed wall is installed in North Woburn.[07/29/21-Postscript: Submittal record received by DiNisco, reviewed with Chief Kenton and returned to G&R. Substitution is accepted. G&R to complete submittal per review comments.]
G&R MBC	06/23/21 06/30/21 07/21/21 08/04/21	Q11.	Ledge / Boulder Removal: G&R noted that some ledge will need to be broken in the northeast corner of the support building to provide a 12 inch cushion under the footing as specified. Also, some boulders have been encountered. G&R and MBC will collaborate on measurement, with the volumes charged against the allowances. [06/30/21: Quantification of rock removal has been going smoothly. G&R will invoice for rock materials removed so far from specified allowances.] [07/21/21: G&R will include these costs with the pencil requisition for July.] [08/04/21: G&R will include these costs on the August requisition.]

Q12.

R. ARCHITECTURAL

---	07/14/21 07/21/21	R01.	Pre-Waterproofing Conference: A waterproofing / dampproofing pre-construction conference is scheduled for 1:00 PM, Wednesday, 21 July. [07/21/21: TWC was on hand for the waterproofing pre-construction conference. G&R's agenda is attached. Discussion included the following:
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- 07/28/21 R02. Pre-Construction Conference Schedule: MBC asked G&R to
08/11/21 provide a schedule of upcoming pre-construction conferences.
G&R will do so, noting the next will be for slabs / flooring.
[08/11/21: G&R several days ago sent an email outlining next
conferences. G&R noted the pre-steel conference will likely be next
one scheduled.]
- G&R 08/04/21 R02.1 Envelope Meeting: MBC recommended scheduling the
envelope coordination meeting soon. It was discussed
that for the meeting to be effective, envelope
submissions should first be submitted and approved.
G&R will initiate the process by reaching out to the
envelope subcontractors to expedite complete
submissions.
- G&R 07/28/21 R03. Mock-up Wall Panel: It was discussed and agreed that the mock-
Subs up panels will be constructed at the northwest corner of the site,
finish side facing the street. DiNisco stated that other than perhaps
mortar color selection, the panel is intended for construction quality
control, not color selection. For example, metal panels and
windows installed in the mock-up need not be the specified colors.

R04.

S. STRUCTURAL

- G&R 06/09/21 S01.2.02 Hot Weather Concrete: G&R to advise if ice will be used
06/24/21 to lower concrete temperatures. If so, FBRA advised
06/30/21 that ice should be included as part of the total water
07/14/21 included in the mix. Boston Concrete should also advise
08/11/21 if, and how much, water is being withheld for addition at
site during pour. [06/24/21-Postscript: Hot / cold
weather concrete plan returned 06/24 - Resubmit for
Record.] [06/30/21: Comments were mainly about
slabs, and G&R reported they will submit for SOG/SOG
separately.] [07/14/21: G&R noted slab work will start
toward the end of August and a pre-construction
conference with the concrete supplier, finisher and
flooring subs will be scheduled beforehand.] [08/11/21:
G&R reported that for this week's pour, the mixer drums
will be cooled with ice water and the forms will be
covered after the pour. G&R stated that if the weather is
too hot the pour will be postponed.]

S05.

T. FIRE PROTECTION

T02.

U. PLUMBING

U02.

V. HVAC

V01.

W. ELECTRICAL

Brothers 06/30/21 W01. Temporary Power: The City has contacted Eversource to assist in
07/14/21 the electrical subcontractor's request for temporary power.
07/21/21 [07/14/21: G&R noted Brothers is still in discussion with
07/28/21 Eversource, noting a tall temporary pole on the other side of Main
08/04/21 Street may be needed. MBC noted the City Engineer stands ready
08/11/21 to assist if requested.] [07/21/21: G&R reported that Brothers is
trying to get the required mast height from Eversource, noting that a
temporary pole is not necessary. G&R will contact the City Engineer
for assistance with Eversource. MBC noted permanent power
should be in place before another month of generator rental is
necessary.] [07/28/21: G&R reported that they have been in contact
with Eversource, and a 30' mast will be installed between the
trailers. MBC again noted that the City offered assistance with
Eversource, and urged that G&R get the temporary power
connected before further generator rental is needed.] 08/04/21:
G&R noted that they are trying to have Brothers commit to a day
that they will install the mast. MBC reported that Eversource is
ready on their end once Brothers has the mast installed and
inspected.] [08/11/21: G&R reported the mast will be placed
08/12/21.]

W02.

X. HAZARDOUS MATERIALS

X01.

Y. MISCELLANEOUS

Y13.

ZA. COMMISSIONING

Subs 05/14/21 ZA01. Work of the required SECTIONS requiring Commissioning shall
07/28/21 include a separate line item value for this work on the Schedule of
Values. [07/28/21: MBC asked that G&R confirm that
commissioning has been identified in the MEP SOV's submitted thus
far.]

ZA03.

ZB. CONSTRUCTION CLOSEOUT

ZB10.

ZZ. CONSTRUCTION PROGRESS

--- 08/11/21 ZZ10. Construction Progress: The architect walked the site and observed the following. Record Item.

- Site: South construction entrance opened.
- Underground MEP: Ongoing at HQ and support building.
- HQ Foundations: Work underway to ready north wall (lobby/entrance) for pour later this week.

ZZ11.

The next Job Meeting will be held **Wednesday, August 18, 2021 at 1:00 PM at the Job Site.**

The discussions of this meeting are recorded as understood by the writer, who should be notified of any omissions or corrections. Unless the writer is notified to the contrary, these notes are presumed to be correct.



Richard N. Rice
DiNISCO DESIGN

RNR/meh

cc: Mayor Scott Galvin
Tom Quinn, Building Commissioner
Brian Gingras, Paul D'Amore, Building Inspectors
Jay Corey, City Engineer
Jay Duran, DPW Superintendent
Donald Kenton, WFD
George Poole, WFD
Pat Saitta
Dick Murphy
Janet Bernardo
Mary Hall
Heather Audet
Bill Brown
Joe Strayer
Jon Buhl
Steven Belanger
Rachel Blandford
John Sousa
Frank Stramaglia
Semoon Oh
Jared Humphreys
Kevin Murphy
Eric Ganz
Scott Goodrich
Chick Langone
Bob Mitchell
Ken Gale
James Alexander
Anne Woodacre
Bob Morel
Ian McCallion
Dan Aylward
David Bacchiocchi

Enclosures: G&R 3-week Look Ahead dated 08/11/21
G&R Submittal Log dated 08/11/21
G&R COR Log dated 08/11/21
G&R RFI Log dated 08/11/21

Date Issued: August 11th, 2021

[illegible]

Report By: Bradford Donovan

Report Type: Open Items

Date: 8/11/2021

Project: Woburn Fire Headquarters

Total Items: 28

Log: Submittal

Days Open Calculated by: Calendar Days since date Initially Created

Section	Item#	Description	Supplier or Manufacturer	Date from Subcontractor	Date from GC	Review by Consultant	Review by Architect	Return to Subcontractor	Action	B-I-C	Days Open
000001 General Items	000001-003-2	Underground Coordination Drawings	G&R Construction		08/09/2021					Consultant, Arch	2
033000 Cast-in-Place Concrete	033000-011-0	Site Rebar Shop Drawings	Rebars and Mesh	08/11/2021	08/11/2021					Consultant, Arch	0
040001 Masonry	040001-018-0	2.02A Flashing Product Data	Commercial Masonry		08/05/2021					Consultant, Arch	6
040001 Masonry	040001-019-0	2.02B Stainless Steel Drip Edge Product Data	Commercial Masonry	08/05/2021	08/05/2021					Consultant, Arch	6
050001 Miscellaneous & Ornamental Iron	050001-002-0	Bollard Shop Drawings	Larkin Iron Works		07/21/2021					Consultant, Arch	21
070002 Roofing & Flashing	070002-001-0	PVC Roofing Product Data	Greenwood		08/09/2021					Consultant, Arch	2
070002 Roofing & Flashing	070002-002-0	2.03 Vapor Barrier Product Data	Greenwood		08/09/2021					Consultant, Arch	2
070002 Roofing & Flashing	070002-003-0	2.04 Sheet Metal Flashing Product Data	Greenwood		08/09/2021					Consultant, Arch	2
071326 Air & Vapor Barriers	071326-001-0	2.02A1 Self Adhered AVB Product Data	Commercial Masonry		08/05/2021					Consultant, Arch	6
071326 Air & Vapor Barriers	071326-002-0	2.03A1 Liquid Applied AVB Product Data	Commercial Masonry		08/05/2021					Consultant, Arch	6
080001 Metal Windows	080001-006-0	1.04 Aluminum Window & Storefront System Shop Drawings	Greenfield Glass		08/09/2021					Consultant, Arch	2
220001 Plumbing	220001-021-0	2.06 Plumbing Fixtures Product Data & Cut Sheets	Araujo Brothers Plumbing		07/27/2021					Consultant, Arch	15
220001 Plumbing	220001-022-0	2.10 Water Heater Equipment Product Data & Cut Sheets	Araujo Brothers Plumbing		07/27/2021					Consultant, Arch	15
230001 Heating, Ventilating & Air Conditioning	230001-009-1	2.32 Packaged Rooftop ACUs Product Data & Cut Sheet	CAM HVAC		08/05/2021					Consultant, Arch	6
230001 Heating, Ventilating & Air Conditioning	230001-013-1	2.24 Tailpipe Exhaust Systems Product Data & Shop Drawings	CAM HVAC		08/05/2021					Consultant, Arch	6
230001 Heating,	230001-015-	2.31 VRV Air Source Systems Product Data	CAM HVAC	07/13/2021	07/13/2021					Consultant	29

Report By: Bradford Donovan

Report Type: Open Items

Date: 8/11/2021

Project: Woburn Fire Headquarters

Total Items: 28

Log: Submittal

Days Open Calculated by: Calendar Days since date Initially Created

<u>Section</u>	<u>Item#</u>	<u>Description</u>	<u>Supplier or Manufacturer</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>Action</u>	<u>B-I-C</u>	<u>Days Open</u>
Ventilating & Air Conditioning	0	& Shop Drawings								nt,Arch	
230001 Heating, Ventilating & Air Conditioning	230001-016-0	2.23 HVAC Fans Product Data & Cut Sheet	CAM HVAC	08/03/2021	08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-017-0	2.31 Cabinet Unit Heater (FCU) Product Data & Cut Sheet	CAM HVAC		08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-018-0	2.00 Pipes, Valves, & Fittings Product Data	CAM HVAC		08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-019-0	2.16 Pumps & Hydronic Accessories Product Data & Cut Sheet	CAM HVAC		08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-020-0	2.27 Spring Roof Curbs Product Data & Shop Drawings	CAM HVAC		08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-021-0	2.18 Water Treatment System Product Data & Cut Sheet	CAM HVAC	08/03/2021	08/03/2021					Consultant,Arch	8
230001 Heating, Ventilating & Air Conditioning	230001-022-0	2.07 Nexus Valves Product Data & Cut Sheet	CAM HVAC	08/05/2021	08/05/2021					Consultant,Arch	6
230001 Heating, Ventilating & Air Conditioning	230001-023-0	2.25 HVAC Insulation Product Data	CAM HVAC		08/05/2021					Consultant,Arch	6
260001 Electrical	260001-009-0	2.12 Panelboard & Cabinets Product Data & Shop Drawings	Brothers Electrical		07/27/2021					Consultant,Arch	15
260001 Electrical	260001-010-0	2.12 Main Secondary Switch Board Product Data & Shop Drawings	Brothers Electrical		07/27/2021					Consultant,Arch	15
260001 Electrical	260001-011-0	Light Fixtures Product Data & Cut Sheet	Brothers Electrical	08/03/2021	08/03/2021					Consultant,Arch	8
260001 Electrical	260001-012-0	2.13-2.15 Receptacles, Switches, & Device Plates Product Data	Brothers Electrical		08/03/2021					Consultant,Arch	8

Change Request Log by Status

G & R CONSTRUCTION, INC

Date: 8/11/2021

21-005 Woburn Fire Headquarters

Number	Date	Description	Amount	Change Order
Not issued				
4	6/28/21	(Unit Pricing) Foundation Excavation Changes		
6	6/29/21	(Steel Delay) Extension of Time Request		
7	7/28/21	(PR #002 and CCD#3) Additonal Municipal Fire Alarm Conduit		
8	8/2/21	(PR #003) Additional Floor Box at Conference Room 123		
Not issued Total			0.00	
Submitted				
3	6/22/21	(FSB Electrical Re-bid) Generators for Trailer Temp. Power	1,514.66	
5	6/29/21	(PR #001) Move Temporary Construction Fence	1,816.60	
Submitted Total			3,331.26	
Approved				
1	6/22/21	FSB Electrical Re-bid (For Owner Issued CO)	72,000.00	1
2	6/22/21	FSB HVAC Re-bid (For Owner Issued CO)	77,000.00	2
Approved Total			149,000.00	
Original Contract Amount:				17,647,000.00
Approved Contract Changes:				149,000.00
Revised Contract Amount:				17,796,000.00
Pending Contract Changes:				3,331.26

Report By: Bradford Donovan

Report Type: Open Items

Date: 8/11/2021

Project: Woburn Fire Headquarters

Total Items: 6

Log: RFI

Days Open Calculated by: Calendar Days since date Initially Created

<u>Category</u>	<u>Item#</u>	<u>Description</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>B-I-C</u>	<u>Days Open</u>
Architectural,Mechanical	012	ERU & HV Roof Attachment	07/26/2021	07/26/2021				Consultant, Arch	16
Architectural,Mechanical	012B	RFI 012 Clarification	08/05/2021	08/05/2021				Consultant, Arch	6
Architectural,Electrical	014	Zetron Conduit Stub Up Location	08/05/2021	08/05/2021				Consultant, Arch	6
Architectural,Electrical	015	Telecom Conduit Stub Up Location	08/05/2021	08/05/2021				Consultant, Arch	6
Architectural,Electrical	016	PPS1B & LPS1B Mounting Detail	08/05/2021	08/05/2021				Consultant, Arch	6
Architectural,Electrical	017	TL Box Location & Mounting Height	08/05/2021	08/05/2021				Consultant, Arch	6